

SECRET

PHOTOGRAPHIC INTERPRETATION REPORT

Declass Review, NIMA/DoD



[REDACTED]

25X1A

[REDACTED]

MISSION 8099

10 JUNE 1966

NPIC/R-191/66

JUNE 1966

GROUP 1 EXCLUDED FROM
AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

SECRET

WARNING

This document contains information affecting the national defense of the United States, within the meaning of Title 18, sections 793 and 794, of the U.S. Code, as amended. Its transmission or revelation of its contents to or receipt by an unauthorized person is prohibited by law.

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R-191/66

MISSION 8099 10 JUNE 1966

PREFACE

25X1A THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM [REDACTED] MISSION 8099, 10 JUNE 66. THE NUMBER AT THE RIGHT MARGIN OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

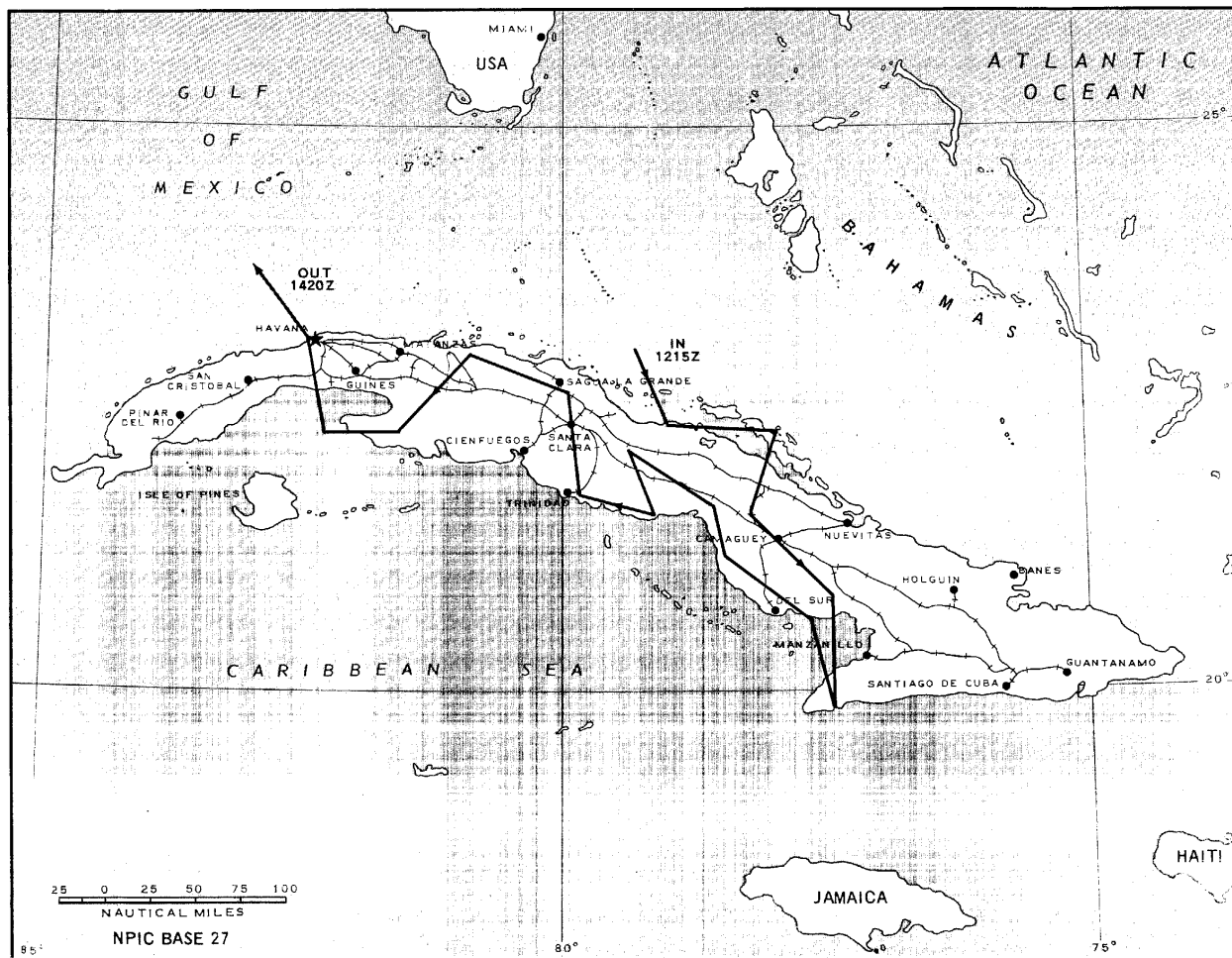
SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON PHOTOGRAPHY ARE AS FOLLOWS-- C (CLEAR), SC (SCATTERED CLOUD COVER), HC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), SD (SEMIDARKNESS), GC (GROUND COVER), CF (CAMOUFLAGE), O (OBLIQUITY), AND GR (GROUND RESOLUTION).

INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G (GOOD), F (FAIR), OR P (POOR). THE EXTENT OF TARGET COVERAGE IS DENOTED BY THE SYMBOLS T (TOTAL) OR PT (PARTIAL). THE MODE OF COVERAGE IS SIGNIFIED BY ST (STEREO), NS (NONSTEREO), OR PS (PARTIAL STEREO).

AAA DEFENSES ARE DIVIDED INTO THREE BASIC CATEGORIES -- LIGHT (ZPU-2, ZPU-4, AND 37MM), MEDIUM (57MM AND 85MM), AND HEAVY (100MM AND LARGER). WHERE SUCH A CATEGORY CANNOT BE DETERMINED, THE SITE WILL BE LISTED AS AN AAA SITE AND THE NUMBER OF GUNS INDICATED (EXAMPLE 6-GUN AAA SITE, OCCUPIED/UNOCCUPIED).

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TITLE	NPIC	SEC. CLASS.	LOCATION
10 June 1966			



25X1A APPROXIMATE TRACK OF [REDACTED] MISSION 8099, 10 JUNE 1966.

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ITEMS OF SPECIAL INTEREST

RANCHUELO SAM SITE HAS BEEN PARTIALLY VACATED AND A SECOND, PROBABLY TEMPORARY, SITE HAS BEEN ESTABLISHED 350 YARDS TO THE SE.

REVENING OF THE ORIGINAL PUNTA BRAVA SAM SITE HAS BEEN COMPLETED AND THE SITE HAS BEEN REOCCUPIED.

MANY OF THE LOW-LYING AREAS IN HAVANA PROVINCE WERE PARTIALLY FLOODED. SCATTERED CLOUD COVER AND GENERALLY POOR PHOTOGRAPHIC COVERAGE PRECLUDED DETERMINATION OF THE EXTENT OF STORM DAMAGE RESULTING FROM HURRICANE ALMA.

MISSILES

25X1A

CIFUENTES SAM ASSEMBLY AREA

CU 2236N 08005W

OB -- 4 MISSILE TRANSPORTERS AND 4 OTHER VEHICLES OBSERVED IN CLOUD-FREE AREAS.

25X1D

GUARA SAM SITE A29-2

CU 2248N 08213W

THE PERMANENT SITE IS IN A LATE STAGE OF CONSTRUCTION. FOUR COMPLETED LAUNCH REVETMENTS, ONE COMPLETED HOLD REVETMENT, AND A COMPLETED CENTRAL GUIDANCE REVETMENT OBSERVED IN CLOUD-FREE AREAS. THE OUTER SERVICE ROAD APPEARS COMPLETE AND THE INNER SERVICE ROADS ARE IN A LATE STAGE OF CONSTRUCTION.

OB -- NONE OBSERVED IN CLOUD-FREE AREAS. NO APPARENT CHANGE IN SUPPORT FACILITIES.

25X1D

LA CACHIMBA SAM SITE A12-2

CU 2245N 08227W

OB -- AT LEAST 1 EMPLACED LAUNCHER (PROBABLY WITH MISSILE), 2 CANVAS-COVERED MISSILE TRANSPORTERS, AND AN OCCUPIED GUIDANCE AREA OBSERVED IN CLOUD-FREE AREAS.

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25X1A

LA SALUD SAM SITE A04-2

CU 2253N 08224W

THE PERMANENT SITE IS IN A LATE STAGE OF CONSTRUCTION.
OB -- (AT ADJACENT TEMPORARY SITE) -- 3 EMPLACED
LAUNCHERS WITH MISSILES AND A GUIDANCE RADAR WITH 6
ASSOCIATED VAN TRAILERS.
OB -- (AT PERMANENT SITE) -- 9 MISSILE TRANSPORTERS (3
IN LAUNCH REVETMENTS).
NO APPARENT CHANGE IN SUPPORT FACILITIES.

25X1D

25X1A

PUNTA BRAVA SAM SITE A30-2

CU 2301N 08231W

ORIGINAL SITE HAS BEEN REOCCUPIED.
OB -- AT LEAST 5 REVETTED LAUNCHERS (1 WITH MISSILE),
12 MISSILE TRANSPORTERS (6 WITH EXPOSED MISSILES), 1
PROBABLE TRUCK-MOUNTED CRANE AND 2 OTHER VEHICLES
OBSERVED IN CLOUD-FREE AREAS.
THE TEMPORARY ADJACENT SITE HAS BEEN VACATED AND IS NOW
CONSIDERED ABANDONED.

25X1D

25X1A

RANCHUELO SAM SITE A33-2

CU 2223N 08010W

THE ORIGINAL SITE HAS BEEN VACATED EXCEPT FOR 12
MISSILE TRANSPORTERS (2 WITH EXPOSED MISSILES) AND 2
UNIDENTIFIED VEHICLES. A NEW SITE HAS BEEN SET UP 350
YARDS SE AT UTM 17QNQ859769 AND CONTAINS 6 UNRETTED
LAUNCHERS (2 WITH MISSILES), AN UNRETTED GUIDANCE
AREA CONTAINING RADAR AND 5 ASSOCIATED VAN TRAILERS,
AND 2 OTHER VEHICLES.
ACTIVITY -- THE TWO 6-GUN AAA SITES REMAIN OCCUPIED.
NO APPARENT CHANGE IN SUPPORT FACILITIES.
(AMS SERIES E723, SHEET 4183-II, 3D ED)

25X1D

25X1A

SANTA CLARA SAM SITE A34-2

CU 2229N 08000W

OB -- 6 EMPLACED LAUNCHERS (3 WITH MISSILES), 14
MISSILE TRANSPORTERS (2 WITHOUT PRIME MOVERS), A FAN
SONG RADAR WITH 4 NET-COVERED ASSOCIATED VAN TRAILERS,
3 ADDITIONAL VAN TRAILERS, AND 2 OTHER VEHICLES/PIECES

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OF EQUIPMENT.

ACTIVITY -- 2 OCCUPIED 6-GUN LIGHT AAA SITES.

NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1D

25X1A

SANTA ISABEL DE LAS LAJAS SAM SITE A35-2 CU 2228N 08018W

PERMANENT SITE REMAINS UNDER CONSTRUCTION.

OB -- (AT ADJACENT TEMPORARY SITE) -- AT LEAST 5

EMPLACED LAUNCHERS (1 PROBABLY WITH MISSILE), AT LEAST

6 PROBABLE MISSILE TRANSPORTERS (AT LEAST 2

CANVAS-COVERED), AND AN OCCUPIED GUIDANCE AREA.

NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1D

AIR FACILITIES

25X1A

CAMILO CIENFUEGOS AIRFIELD

CU 2229N 07956W

OB -- 21 FAGOT/FRESCO, 12 HOUND, AND 1 POSSIBLE HOUND.

25X1D

25X1A

CAMAGUEY INTERNATIONAL AIRFIELD

CU 2125N 07750W

OB -- 2 PROBABLE C-47.

25X1D

25X1A

SAN ANTONIO DE LOS BANOS AIRFIELD

CU 2252N 08230W

OB -- 25 FISHBED, 8 FARMER, AND 23 FAGOT/FRESCO

OBSERVED IN CLOUD-FREE AREAS.

NINE NEW LONGITUDINAL EXCAVATIONS ARE LOCATED ADJACENT

TO THE NW/SE RUNWAY, 4 NORTH OF THE RUNWAY AT UTM

17QLR444305, AND 5 SOUTH OF THE RUNWAY AT UTM 441301.

ONE OF THE SCARS NORTH OF THE RUNWAY CONTAINS A SMALL,

RECTANGULAR BUILDING, ANOTHER CONTAINS A PARTIALLY

COMPLETED BUILDING FOUNDATION. TWO OF THE SCARS SOUTH

OF THE RUNWAY CONTAIN ARCHED-ROOF BUILDINGS UNDER

CONSTRUCTION. FOUR SMALL SUPPORT BUILDINGS (ABOVE

GROUND) ARE ALSO LOCATED AT THE SOUTHERN SITE.

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(AMS SERIES E723, SHEET 3684-I, 3D ED)

25X1D

CAMPO LIBERTAD AIRFIELD

CU 2305N 08226W

25X1A

OB -- 1 LIGHT STRAIGHT-WING AND 1 HOUND OBSERVED IN
CLOUD-FREE AREAS.

25X1D

PLAYA BARACOA AIRFIELD

CU 2302N 08234W

25X1A

OB -- 1 CRATE, 1 COLT, 1 LIAISON, 2 HOUND WITHOUT
ROTORS, 1 HARE, AND 2 BELL HELICOPTERS.

25X1D

NAVAL ACTIVITY/PORTS

25X1A

LA ISABELA PORT

CU 2256N 08000W

VESSELS -- NONE OBSERVED.

25X1D

CAIBARIEN PORT

CU 2231N 07928W

25X1A

VESSELS -- 2 FREIGHTERS WITH LIGHTERS ALONGSIDE
OBSERVED NORTH OF CAIBARIEN AND WEST OF CAYO FRANCES.

25X1D

CASILDA PORT

CU 2145N 07959W

25X1A

VESSELS -- NONE OBSERVED.

25X1D

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25X1A

MATANZAS PORT

CU 2302N 08134W

VESSELS -- 6 LARGE FREIGHTERS AND 1 LARGE TANKER.

25X1D

25X1A

SURGIDERO DE BATABANO PORT

CU 2241N 08217W

VESSELS -- NONE OBSERVED.

25X1D

ELECTRONICS/COMMUNICATIONS

25X1A

BEJUCAL INTL BROADCASTING FACILITY

CU 2253N 08220W

NO APPARENT CHANGE IN CLOUD-FREE AREAS

25X1D

25X1D

25X1D

MILITARY ACTIVITY

25X1A

REMEDIOS MILITARY AREA

CU 2227N 07935W

OB -- AT LEAST 200 UNIDENTIFIED VEHICLES/PIECES OF
EQUIPMENT.
OBLIQUITY LIMITS INTERPRETATION.

25X1D

25X1A

SANTIAGO DE LAS VEGAS MIL CAMP SOUTH

CU 2257N 08223W

OB -- AT LEAST 21 VEHICLES.
NO APPARENT CHANGE IN FACILITIES.

25X1D

25X1A

TORRENS MILITARY COMPLEX

CU 2259N 08227W

OB -- AT LEAST 120 UNIDENTIFIED VEHICLES.
NO APPARENT CHANGE IN FACILITIES.

25X1D

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25X1A

CAMAGUEY MILITARY CAMP

CU 2126N 07753W

CAMP HAS BEEN VACATED. NO VEHICLES OR EQUIPMENT
OBSERVED.
NO APPARENT CHANGE IN FACILITIES.

25X1D

CORRALILLO MILITARY AREA

CU 2301N 08038W

OB -- 6 POSSIBLE FA PIECES AND 24 CARGO TRUCKS.
NO APPARENT CHANGE IN FACILITIES.

25X1D

LA FLORA MILITARY CAMP

CU 2252N 08233W

OB -- AT LEAST 60 UNIDENTIFIED VEHICLES OBSERVED IN
CLOUD-FREE AREAS.
NO APPARENT CHANGE IN FACILITIES.

25X1D

LIMONAR MILITARY CAMP SE

CU 2255N 08124W

OB -- 16 CARGO TRUCKS.
NO APPARENT CHANGE IN FACILITIES.

25X1D

LIMONAR TANK TRAINING AREA

CU 2254N 08121W

OB -- 16 TANKS/SP GUNS, 36 CARGO TRUCKS, AND 6 UTILITY
TRUCKS.
NO APPARENT CHANGE IN FACILITIES.

25X1D

MANAGUA MILITARY CAMP

CU 2258N 08217W

OB -- 11 PROBABLE HOUND AND NUMEROUS UNIDENTIFIED
VEHICLES.
NO APPARENT CHANGE IN FACILITIES.

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25X1D



25X1A

MARTI ARMOR TRAINING AREA

CU 2258N 08059W

OB -- NONE OBSERVED.

NO APPARENT CHANGE IN FACILITIES.

25X1D



25X1A

SANTA CLARA ARTILLERY TRAINING AREA

CU 2222N 08000W

AREA 3 APPEARS ABANDONED. FACILITIES IN AREA 4 NOW
CONSIST OF 1 LARGE AND 2 SMALL H-SHAPED BUILDINGS, 6
PROBABLE BARRACKS, 2 LARGE STORAGE BUILDINGS, AND 14
SUPPORT BUILDINGS. EIGHT LARGE, EARTH-COVERED STORAGE
BUILDINGS HAVE BEEN COMPLETED AND 2 LARGE STORAGE
BUILDINGS ARE UNDER CONSTRUCTION.

NO OTHER CHANGES TO FACILITIES OBSERVED.

OB -- 6 FA PIECES, 17 CARGO TRUCKS, 4 CARGO TRAILERS,
AND 16 OTHER VEHICLES.

25X1D



25X1A

SANTA CLARA MILITARY ACTIVITY

CU 2220N 07957W

CAMP HAS BEEN VACATED.

OB -- NO MILITARY VEHICLES OR PIECES OF EQUIPMENT
OBSERVED.

NO APPARENT CHANGE IN FACILITIES.

25X1D



25X1A

LAS MERCEDES VEHICLE PARK

CU 2224N 08001W

OB -- 16 TRACKED PRIME MOVERS, 55 CARGO TRUCKS, AND 10
OTHER VEHICLES/PIECES OF EQUIPMENT.

FACILITIES CONSIST OF 1 LARGE T-SHAPED AND 5 H-SHAPED
BUILDINGS, 12 BARRACKS/STORAGE AND 10 SUPPORT
BUILDINGS, 2 BUILDINGS UNDER CONSTRUCTION, AND 3 GREASE
RACKS.

25X1D



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25X1A

GANUZA LANDING BEACH

CU 2305N 08030W

NO MILITARY ACTIVITY OBSERVED IN CLOUD-FREE AREAS.

25X1D

LA CHARCA MILITARY ACTIVITY

CU 2246N 08036W NO COMOR

6.6 NM ENE OF LOS ARABOS.

A CLEARED AREA APPROXIMATELY 1 SQ NM IN AREA CONTAINS
25 BARRACKS/SUPPORT BUILDINGS, 23 BUILDING FOUNDATIONS,
32 LARGE AND 11 MEDIUM TENTS, AND 10 LONGITUDINAL
EXCAVATIONS.

OB -- AT LEAST 10 UNIDENTIFIED VEHICLES.

ACTIVITY -- 1 OCCUPIED 6-GUN LIGHT AAA SITE AND 1
UNOCCUPIED 6-GUN AAA SITE.

(AMS SERIES E723, SHEET 4084-III, 2D ED)

25X1D

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-STATUS OF OTHER TARGETS-

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT NOT INTERPRETED--

SANTA CLARA EW/GCI RADAR SITE	2229N 07956W
SAGUA LA GRANDE EW/GCI RADAR SITE 2	2248N 08006W
SPECIAL AREA WHITE	2254N 08232W
SPECIAL AREA TEXAS	2302N 08235W
SPECIAL AREA PURPLE	2254N 08228W
MATANZAS LANDING BEACH	2301N 08126W
VARADERO LANDING BEACH	2307N 08118W

THE FOLLOWING TARGETS SHOW NO APPARENT CHANGE SINCE LAST COVERAGE--

TORRENS SAM ASSEMBLY AREA	2257N 08227W
CORONEL PASCUAL AIRFIELD	2307N 08117W
JAIME GONZALES AIRFIELD	2209N 08024W
MARIEL NAVAL BASE AND NAVAL AIR STATION	2259N 08244W
CIENFUEGOS NAVAL BASE	2208N 08027W
CARDENAS PORT	2302N 08111W
CAMAGUEY EW/GCI RADAR SITE	2121N 07751W
SAN ANTONIO DE LOS BANOS EW/GCI RDR SITE	2252N 08230W
SAN ANTONIO DE LOS BANOS EW/GCI SITE 2	2253N 08230W
VARADERO LOW SIEVE RADAR SITE	2311N 08108W
MATANZAS LOW SIEVE RADAR SITE	2306N 08133W
RANCHO BOYEROS MIL TRAINING AREA A CAMP	2300N 08218W
CANTEL MILITARY CAMP	2302N 08119W

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